

Peak District National Park

Forecast valid from 06:00 on Thursday 22 Jun 2023 until 23:59 on Friday 23 Jun 2023

Forecast Issued on Thursday 22 Jun 2023 at 02:09

Confidence: High confidence in the general outlook with mainly dry and increasingly warm or very warm and humid conditions towards the weekend. Confidence is moderate for any shower detail and timing and position of rain bands on Friday and Sunday.

Headline for Thursday 22 Jun 2023: Mainly fine and dry. Showers developing, heavy and thundery at times.

Mountain weather hazards on Thursday 22 Jun 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Sunny intervals	Heavy rain showers	Heavy rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
00%	10%	30%	40%	30%	10%

Forecast for Thursday 22 Jun 2023

Weather: A largely dry and sunny morning. Scattered cloud developing again by late morning with a chance of showers by late morning. Showers could become thundery before easing during the evening.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Any cloud that builds is expected to remain above the summits, but the odd patch is possible around 600m during any heavy showers or thunderstorms. Very good visibility in general, but locally moderate to poor in afternoon showers.

Forecast for Thursday 22 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/5 W	4/6 N	5/8 NE	7/11 N	7/10 NE	7/10 NE	8/11 S
300	3/6 NW	3/5 N	5/8 NW	5/9 NW	6/9 N	4/7 E	5/8 S
Valley	4/8 N	3/6 NW	5/9 NW	6/11 NW	6/11 N	3/6 NW	3/7 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/14	15/15	16/16	17/16	17/16	15/14	14/13
300	16/16	18/18	19/19	21/20	20/19	17/17	15/15
Valley	16/16	19/19	21/20	22/21	21/20	17/17	15/15
Freezing Level*	2600m	2600m	2700m	2600m	2700m	2700m	2600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

UV levels will be very high so adequate sun protection is required. There is a chance of heavy showers and thunderstorms, so waterproofs and quick descent routes are advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 22 Jun 2023	1.6mm	9.2mm	9.4mm

Forecast for Friday 23 Jun 2023

Weather: A fine, dry and fairly bright morning, but with a strengthening breeze. Cloud thickening by the afternoon, perhaps bringing a few outbreaks of rain during the afternoon, especially in the west. There is a chance risk of more persistent, heavier rain or drizzle developing towards the end of the day.

Maximum wind: Southwesterly 15-20mph, with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 95% at first, lowering to 60% in the west, 80% in the east.

Low cloud and visibility: Cloud generally above hills, but some patches of low cloud possible, mainly in the west to 500m during rainfall in the afternoon. Cloud perhaps lowering again to around 500m later in the day along with any further rain or drizzle. Visibility good, but becoming moderate and perhaps locally poor in any rain or drizzle later.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 22 Celsius.
At 600m: Plus 13 Celsius rising to Plus 17 Celsius.
Freezing level: Above summits.